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|-----------------------------|-------------------------|--------------|------------------------|-------------------------------|
| SERIAL NUMBER 09/214,140 | FILING DATE 04/08/99 | CLASS 359 | GROUP ART UNIT 2733 | ATTORNEY DOCKET NO. P32998 |
|-----------------------------|-------------------------|--------------|------------------------|-------------------------------|

APPLICANT
TAKEO KAWASE, SUWA-SHI, JAPAN; KAZUHIKO AMANO, YOKOHAMA-SHI, JAPAN;
SHOJIRO KITAMURA, SUWA-SHI, JAPAN.

CONTINUING DOMESTIC DATA***
VERIFIED

371 (NAT'L STAGE) DATA***
VERIFIED THIS APPLN IS A 371 OF PCT/JP98/01992 04/30/98

FOREIGN APPLICATIONS***
VERIFIED JAPAN 9-114918 05/02/97

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 05/03/99

| | | | | |
|---|-------------------------|----------------------|--------------------|--------------------------|
| Foreign Priority claimed 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | STATE OR COUNTRY JPX | SHEETS DRAWING 37 | TOTAL CLAIMS 47 | INDEPENDENT CLAIMS 10 |
| Verified and Acknowledged <u>Examiner's Initials</u> <u>Initials</u> | | | | |

SEE CUSTOMER NUMBER: 020178
ADDRESS
Epson Research and Development, Inc.
Intellectual Property Dept.
150 River Oaks Parkway, Suite 225
San Jose, CA 95134

TITLE
POLARIZED LIGHT COMMUNICATION DEVICE, TRANSMITTER, LASER, POLARIZED
LIGHT COMMUNICATION DEVICE FOR ORGANISM, REFLECTED LIGHT DETECTOR AND
PULSE WAVE DETECTOR

| | | |
|--------------------------------|---|---|
| FILING FEE RECEIVED \$2,622 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT NO. _____ for the following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit |
|--------------------------------|---|---|



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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 5881

Bib Data Sheet

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|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|
| SERIAL NUMBER 09/214,140 | FILING DATE 04/08/1999 RULE | CLASS 359 | GROUP ART UNIT 2633 | ATTORNEY DOCKET NO. P3299B |
|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|

APPLICANTS

TAKEO KAWASE, SUWA-SHI, JAPAN;

KAZUHIKO AMANO, YOKOHAMA-SHI, JAPAN;
SHOJIRO KITAMURA, SUWA-SHI, JAPAN;

** CONTINUING DATA *****

THIS APPLICATION IS A 371 OF PCT/JP98/01992 04/30/1998

YES TO

** FOREIGN APPLICATIONS *****

JAPAN 9-18883 01/31/1997

JAPAN 9-114918 05/02/1997

JAPAN 9-46197 02/28/1997

YES TO

| | | | | |
|---|----------|---------|--------|-------------|
| Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | STATE OR | SHEETS | TOTAL | INDEPENDENT |
| 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | COUNTRY | DRAWING | CLAIMS | CLAIMS |
| Verified and Acknowledged Examiner's Signature <u>TP</u> Initials | JAPAN | 37 | 48 | 10 |

ADDRESS

20178
EPSON RESEARCH AND DEVELOPMENT INC
INTELLECTUAL PROPERTY DEPT
150 RIVER OAKS PARKWAY, SUITE 225
SAN JOSE , CA
95134

TITLE

POLARIZED LIGHT COMMUNICATION DEVICE, TRANSMITTER, LASER, POLARIZED LIGHT COMMUNICATION DEVICE
FOR PHYSIOLOGICAL USE, REFLECTED LIGHT DETECTOR AND PULSE WAVE DETECTING DEVICE

| | | |
|------------|---|--|
| FILING FEE | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT | <input type="checkbox"/> All Fees |
| | | <input type="checkbox"/> 1.16 Fees (Filing) |
| | | <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |